

# Cognitive Combination A

Semax + Selank | Neurotrophic and Anxiolytic Research

## COMPOUND OVERVIEW

Semax and Selank share a common research origin and have been studied in adjacent neurological contexts. Semax addresses BDNF upregulation and neuroprotection; Selank addresses anxiolytic modulation and enkephalin protection. Their mechanisms are distinct and complementary within the cognitive research context.

## MECHANISM OF ACTION

Semax acts primarily through BDNF upregulation and TrkB receptor activation, supporting neurotrophin-mediated cognitive function and neuroprotection. Selank acts through monoamine metabolism modulation and enkephalin protection, reducing anxiety without sedation. These mechanisms do not share primary pathways.

## RESEARCH APPLICATIONS

- Parallel neurotrophic and anxiolytic pathway research
- BDNF modulation combined with monoamine regulation studies
- Cognitive resilience research across multiple neurological pathways

## EVIDENCE STATUS & KNOWN LIMITATIONS

**Evidence Status:** These compounds have not been studied together in published controlled research. Both have individual Russian regulatory and clinical data. Western independent replication for both is limited. Combination interaction effects are not characterised.

## ANALYTICAL & STORAGE DATA

COMPOUND A	<b>Semax 10mg</b>	COMPOUND B	<b>Selank 10mg</b>
MECHANISM A	<b>BDNF Upregulation / Neuroprotection</b>	MECHANISM B	<b>Monoamine Modulation / Anxiolytic</b>
STORAGE	<b>2-8 C (both compounds)</b>	BATCH DOCS	<b>Available on Request</b>

## RECONSTITUTION NOTE

Reconstitute each compound separately per individual compound guidelines. Both Semax and Selank are sensitive to heat and UV exposure. Refer to individual data sheets for specific parameters.

**REGULATORY CLASSIFICATION:** All BioUnfolding compounds are strictly intended for laboratory evaluation and in-vitro analysis. These materials are not intended for human consumption, veterinary use, or therapeutic application. Researchers are solely responsible for compliance with applicable local regulations including SAHPRA guidelines.

**REQUEST BATCH DOCUMENTATION**

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